

CLW-DELVEX-P

Cameo® Wireless In-Wall ELV Dimmer, 120V



- > Provides reverse-phase dimming
- > Available in all designer colors
- > infiNET EX® robust communication
- > Supports electronic low voltage dimming
- > Models popular Cameo® style
- > Configurable up to 4 buttons
- > Matching aesthetics across entire line
- > Supports remote dimmer/switches (CLW-SLVU-P)
- > Stylish bargraph provides real-time status feedback
- > CEC Title 24 2013 Compliant

The CLW-DELVEX-P is a Cameo® in-wall ELV dimmer designed for dimming low voltage light, supporting lighting load such as tungsten-halogen, incandescent, and dimmable Edison Screw Base LED. Versatile and affordable, the CLW-DELVEX-P features field-replaceable, engravable buttons and can be configured with various button layouts and designer colors. Its streamlined design matches the entire line of [Cameo](#) dimmers, switches and keypads, making it a great addition to new or retrofit installations. In addition to its attractive look and feel, infiNET EX® communication technology brings proven reliability to the CLW-DELVEX-P.

Field-Replaceable Button Faces

Like their cousin [Cameo keypads](#), the buttons on the CLW-DELVEX-P can be swapped in the field, making it easy to change engraving or color after installation. The new rocker controller brings a familiar user interface to the Crestron® in-wall dimmer, while the versatility of up to four buttons takes advantage of prime single-gang wall box real estate. Use buttons to control in-room audio or lamps in addition to any other light connected to

the system. The comprehensive list of designer colors blends the CLW-DELVEX-P into virtually any décor and style, suiting even the most exquisite space.

Integrated Keypad

Because the CLW-DELVEX-P is attached to the Crestron network, it can also function as a keypad, sending commands to trigger whole-room lighting scenes or distributed audio functions. Supporting up to four buttons, the in-wall dimmer serves as a great user control interface in any Crestron system. Its single-gang form factor maximizes control capability in a small space while increasing the opportunity for Crestron control in every room.

infiNET EX

Ultra-reliable infiNET EX wireless technology provides steadfast two-way RF communications throughout a residential or commercial structure without the need for physical control wiring. Employing a 2.4 GHz mesh network topology, each infiNET EX device functions as an expander, passing command signals through to every other infiNET EX device within range (approximately 150 feet or 46 meters indoors), ensuring that every command reaches its intended destination without disruption^[1].

The CLW-DELVEX-P communicates with a Crestron control system via an infiNET EX Wireless Gateway (model CEN-RFGW-EX, DIN-AP3MEX, or MC3^[2]). Up to 100 infiNET EX devices, including Cameo Wireless Keypads and In-Wall Switches^[2], may coexist on a single wireless network, and every device that is added to the network effectively increases the range and stability of the entire network by providing multiple redundant signal paths^[1].



Due to differences in monitors, actual colors may vary from colors as they appear onscreen.

Remote Dimmer

The CLW-DELVEX-P supports dimming control of the same lights from more than one location. Easily replace existing dimmers and switches wired in a traditional three- or four-way circuit with dim control from every location, or design new projects to accommodate remote dimmers wherever desired. The [CLW-SLVU-P](#) remote dimmer/switch simply connects to the “traveler” wire and dims the load attached to the CLW-DELVEX-P.

SPECIFICATIONS**Load Ratings**

Load Types: Incandescent, tungsten-halogen, electronic low-voltage transformers for low-voltage halogen or LED, electronic CFL, dimmable 2-wire fluorescent ballast, dimmable Edison Screw Base LED

Maximum Load: 500 W/VA^[3]

Minimum Load: 25 Watts (with dedicated neutral connected)

Power Requirements

120 Volts AC, 50/60Hz, line power

Controls

Button 1-4: Configurable for 1 to 4 single-action pushbuttons, programmable via control system

Dimming Ramp Rate: 5 seconds (default), software adjustable 0.01 to 10 seconds

Preset Fade Time: 2 seconds (default), software adjustable 0.01 to 120 seconds

LED Indicator

Feedback: (7) White LEDs

Bargraph: (1) 7 segment bargraph display utilizing the 7 feedback LEDs

Wireless

RF Transceiver: infiNET EX® 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant

Range (typical): 150 ft (46 m) indoor, 250 ft (76 m) outdoor to nearest mesh network device(s); subject to site-specific conditions and individual device capabilities^[1]

Gateway: Requires an infiNET EX gateway^[2]

Connections

Line: Black wire, 16 AWG

Remote: White wire, 16 AWG

Load: Red Wire, 16 AWG

Neutral: Blue Wire, 16 AWG,

Ground: Green wire, 16 AWG

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

1-gang mountable in a 3-1/2 inch deep electrical box; Requires decorator style faceplate (not included)

Dimensions

Height: 4.13 in (105 mm)

Width: 1.75 in (45 mm)

Depth: 1.82 in (47 mm)

Weight

5 oz (142 g)

Standards & Certifications

UL 1472

CSA C22.2 No. 184.1

CEC Title 24 2013 Compliant

MODELS & ACCESSORIES**Available Models**

CLW-DELVEX-P-A-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Almond Smooth

CLW-DELVEX-P-A-T: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Almond Textured

CLW-DELVEX-P-B-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Black Smooth

CLW-DELVEX-P-B-T: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Black Textured

CLW-DELVEX-P-BRN-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Brown Smooth

CLW-DELVEX-P-DA-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Dark Almond Smooth

CLW-DELVEX-P-DSK-T: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Dusk Textured

CLW-DELVEX-P-GRY-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Gray Smooth

CLW-DELVEX-P-IVR-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Ivory Smooth

CLW-DELVEX-P-LAT-T: Cameo® Wireless In-Wall Dimmer, ELV, 120V, Latte Textured

CLW-DELVEX-P-W-S: Cameo® Wireless In-Wall Dimmer, ELV, 120V, White Smooth

CLW-DELVEX-P-W-T: Cameo® Wireless In-Wall Dimmer, ELV, 120V, White Textured

Available Accessories

CEN-RFGW-EX: infiNET EX® Wireless Gateway

CEN-RFGW-EX-PWE: infiNET EX® Wireless Gateway w/PoE Injector

CLW-DELVEX-P Cameo® Wireless In-Wall ELV Dimmer, 120V

MC3: 3-Series Control System® w/infiNET EX®

DIN-AP3MEX: DIN Rail 3-Series® Automation Processor w/infiNET EX®

CLW-EXPEX-GD-W-T: infiNET EX® Wireless Expander, Ground Pin Down, White Textured

GLA-EXPEX: Crestron Green Light® Wireless Expander for infiNET EX® Networks

CLW-SLVU-P-A-S: Cameo® In-Wall Remote Dimmer, 120V, Almond Smooth

CLW-SLVU-P-A-T: Cameo® In-Wall Remote Dimmer, 120V, Almond Textured

CLW-SLVU-P-B-S: Cameo® In-Wall Remote Dimmer, 120V, Black Smooth

CLW-SLVU-P-B-T: Cameo® In-Wall Remote Dimmer, 120V, Black Textured

CLW-SLVU-P-BRN-S: Cameo® In-Wall Remote Dimmer, 120V, Brown Smooth

CLW-SLVU-P-DA-S: Cameo® In-Wall Remote Dimmer, 120V, Dark Almond Smooth

CLW-SLVU-P-DSK-T: Cameo® In-Wall Remote Dimmer, 120V, Dusk Textured

CLW-SLVU-P-GRY-S: Cameo® In-Wall Remote Dimmer, 120V, Gray Smooth

CLW-SLVU-P-IVR-S: Cameo® In-Wall Remote Dimmer, 120V, Ivory Smooth

CLW-SLVU-P-LAT-T: Cameo® In-Wall Remote Dimmer, 120V, Latte Textured

CLW-SLVU-P-W-S: Cameo® In-Wall Remote Dimmer, 120V, White Smooth

CLW-SLVU-P-W-T: Cameo® In-Wall Remote Dimmer, 120V, White Textured

Notes:

1. Any infiNET EX device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered infiNET EX devices do not provide expander functionality. A dedicated infiNET EX Wireless Expander, model CLW-EXPEX or GLA-EXPEX is also available.
2. Item(s) sold separately.
3. Derating applies for multigang installations. Refer to Installation Guide for this product for more information.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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